



Cal OES

Daily Weather Threat Briefing

Regional Operations Center

Western Region

Wednesday, September 7



Day 1 (Wednesday): Dangerous and record-setting heat will continue over much of the state today, with high to very high heat risk impacts. Critical fire weather conditions are also again expected across the Modoc Plateau and Klamath Mountains due to heat, dry weather, and breezy winds.



Weather Risk Outlook

Regional Operations Center
Western Region
Wednesday, September 7

	Wed, Sep 7	Thu, Sep 8	Fri, Sep 9	Sat, Sep 10	Sun, Sep 11	Mon, Sep 12	Tue, Sep 13
Fire Weather Low RH / Wind / Dry T-Storms	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland (North)	Inland (North)	Inland (North)	
Thunderstorms Wind / Hail / Tornadoes	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	
Heat	Inland/ Southern	Inland/ Southern	Inland/ Southern	All Areas	All Areas	All Areas	
Cold							
River Flooding							
Wind							
Heavy Rain Flash Flooding / Debris Flow			Southern	Southern	Southern		
Snow							
Coastal Flooding			Southern (Islands)	Southern (Islands)	Southern (Islands)		
Risk Levels	Little to None		Minor		Major		Extreme



Weather Key Points

Regional Operations Center

Western Region

Wednesday, September 7

- Dangerous and record-setting heat will persist for much of the state through Friday with cooler conditions returning for the weekend
 - Widespread high to very high heat risk impacts will occur in many areas, with daytime temperatures reaching the 80s and 90s near the coast and 100 to 115°F inland. Overnight lows will remain very warm in the 70s and 80s, and even near 90°F across the Imperial Valley and some of the central foothills.
- Fire weather conditions remain highly elevated to locally critical for many areas through Friday, particularly in and around the mountains and foothills
 - Areas of more widespread critical fire weather conditions are expected across the Modoc Plateau and the Klamath Mountains through Wednesday as stronger winds occur
 - Gusty offshore winds on Thursday and Friday across southern California will bring increased fire weather concerns
- Isolated showers and thunderstorms remain possible across the mountains and foothills
 - Widespread rainfall is not expected, but any storms could produce locally heavy rainfall and gusty winds
 - Thunderstorms across central and northern California mountains will be mostly dry, with lightning and gusty winds
- The remnants of Hurricane Kay will approach southern portions of the state Friday and into the weekend
 - While the exact details remain somewhat uncertain, the primary concerns with this storm will be gusty winds (strongest across the higher terrain) and heavy rainfall with the potential for some flooding

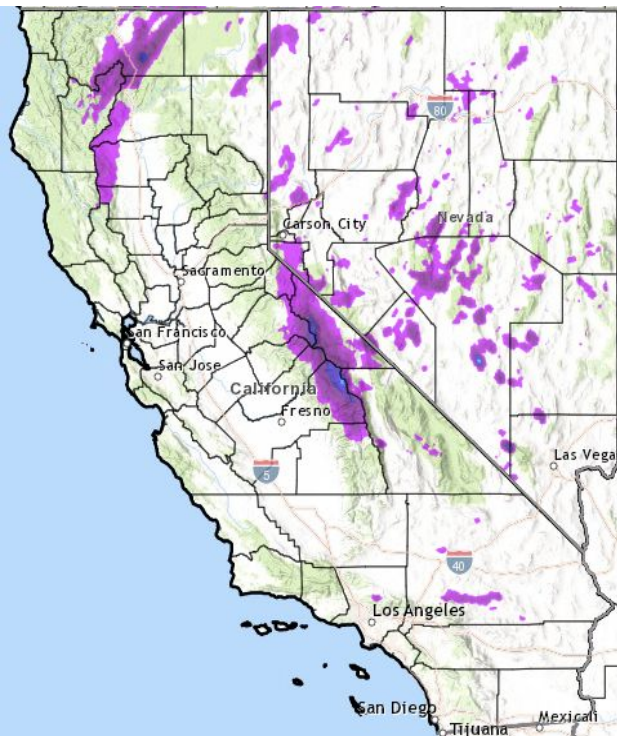


Precipitation Forecast

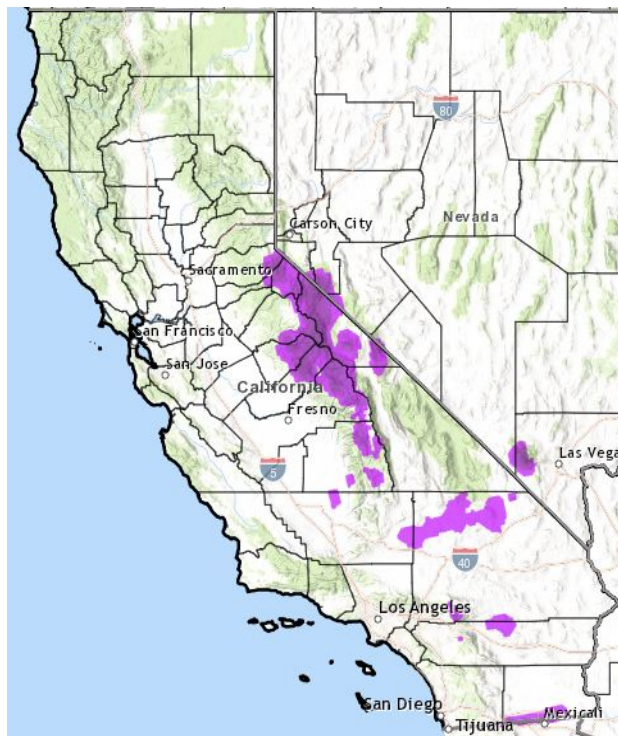
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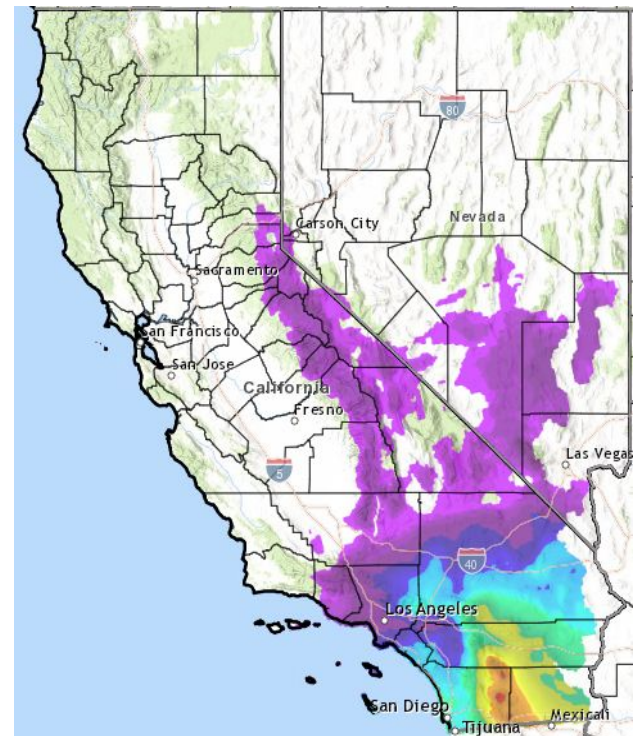
Wednesday, September 7



Wednesday



Thursday



Friday

Important Note: Forecast precipitation amounts are an average for any particular location. Thunderstorms will produce locally much higher rainfall amounts.

Precipitation (inches)



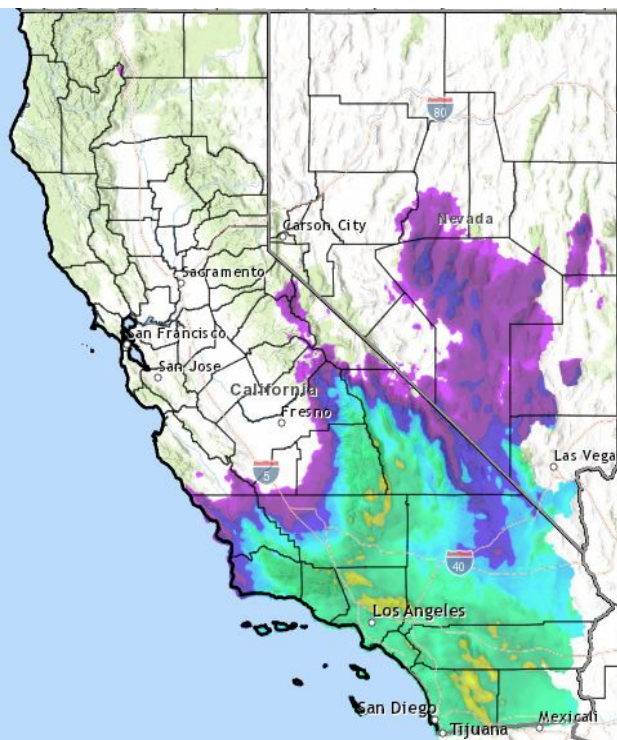


Precipitation Forecast

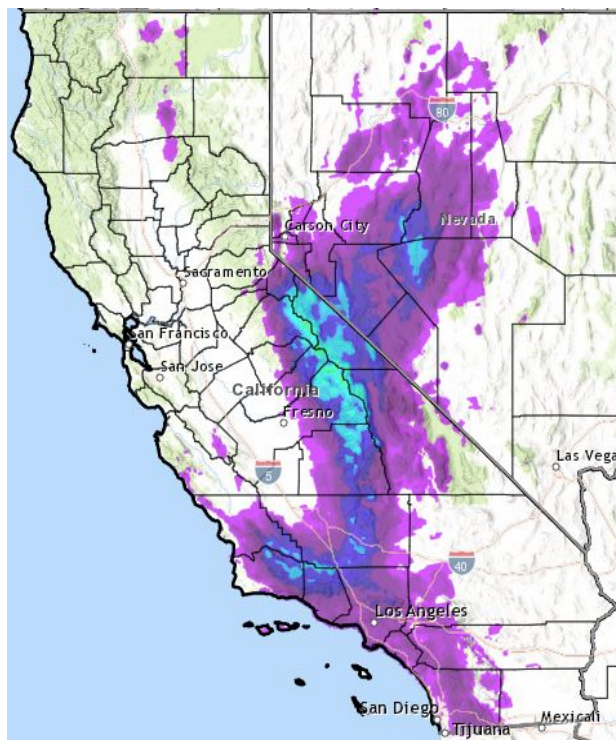
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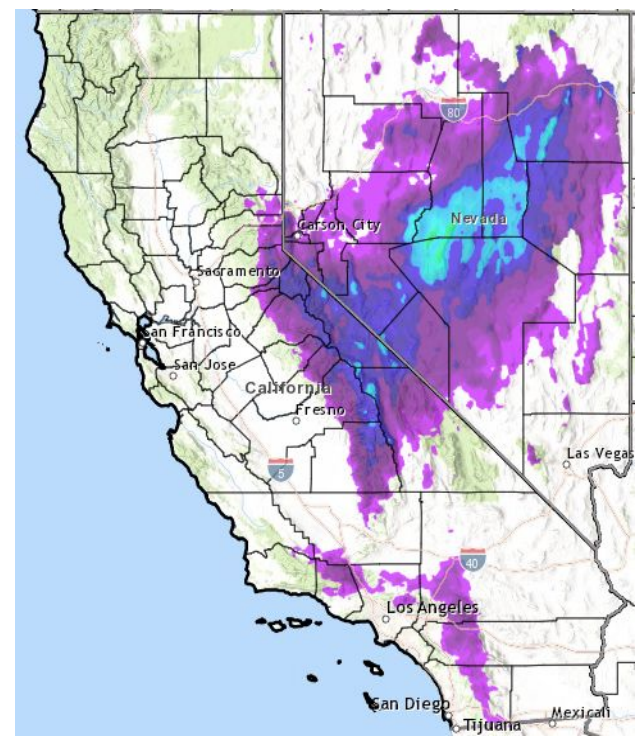
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Saturday



Sunday



Monday

Important Note: Forecast precipitation amounts are an average for any particular location. Thunderstorms will produce locally much higher rainfall amounts.

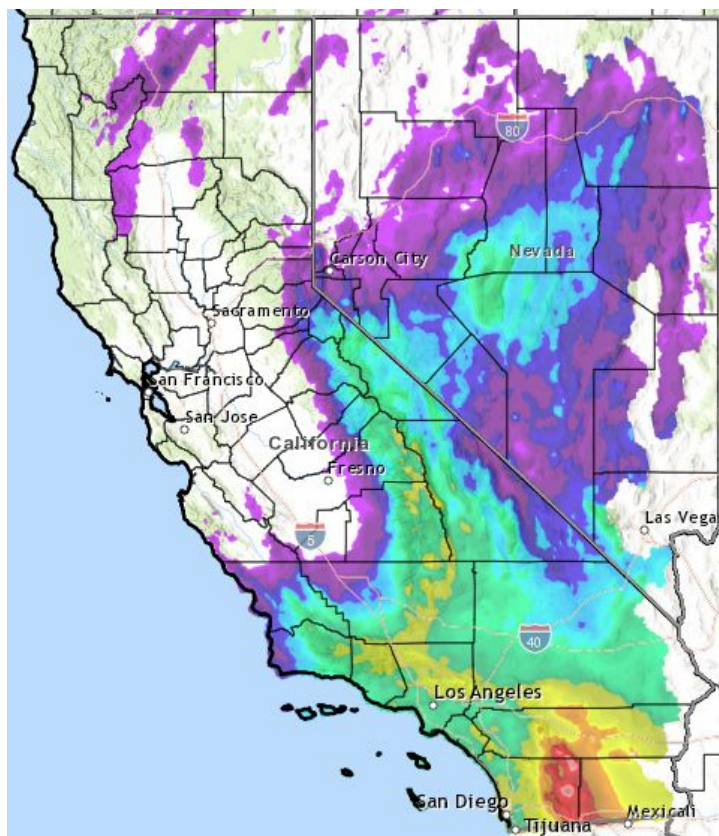
Precipitation (inches)





Total Precipitation Forecast

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Wednesday - Monday

Important Note: Forecast precipitation amounts are an average for any particular location. Thunderstorms will produce locally much higher rainfall amounts.

Precipitation (inches)



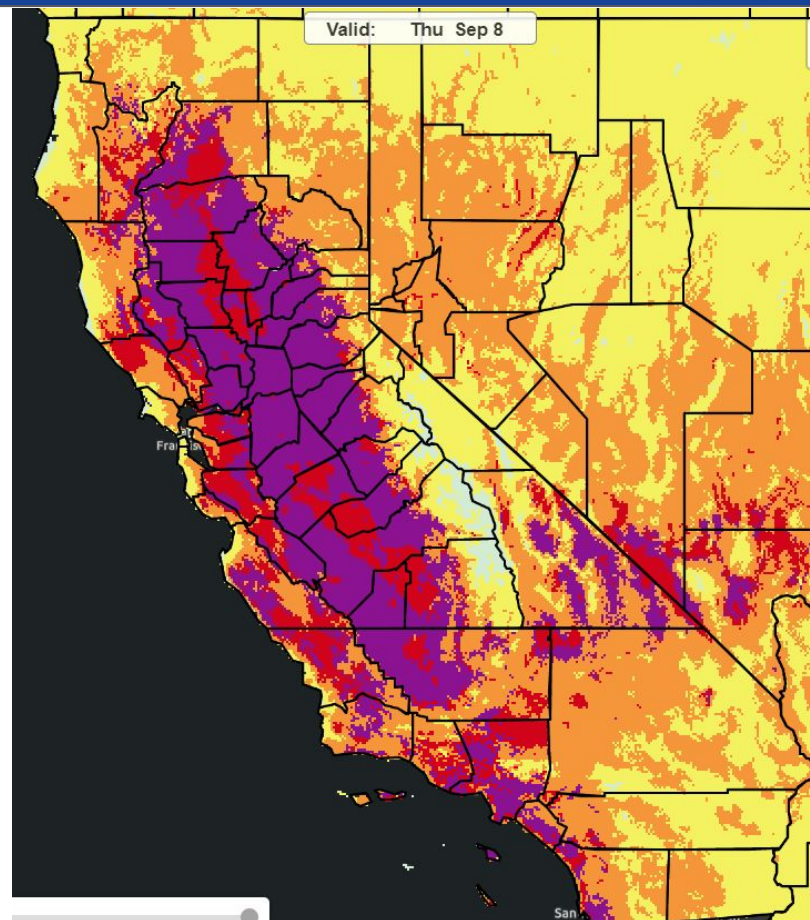
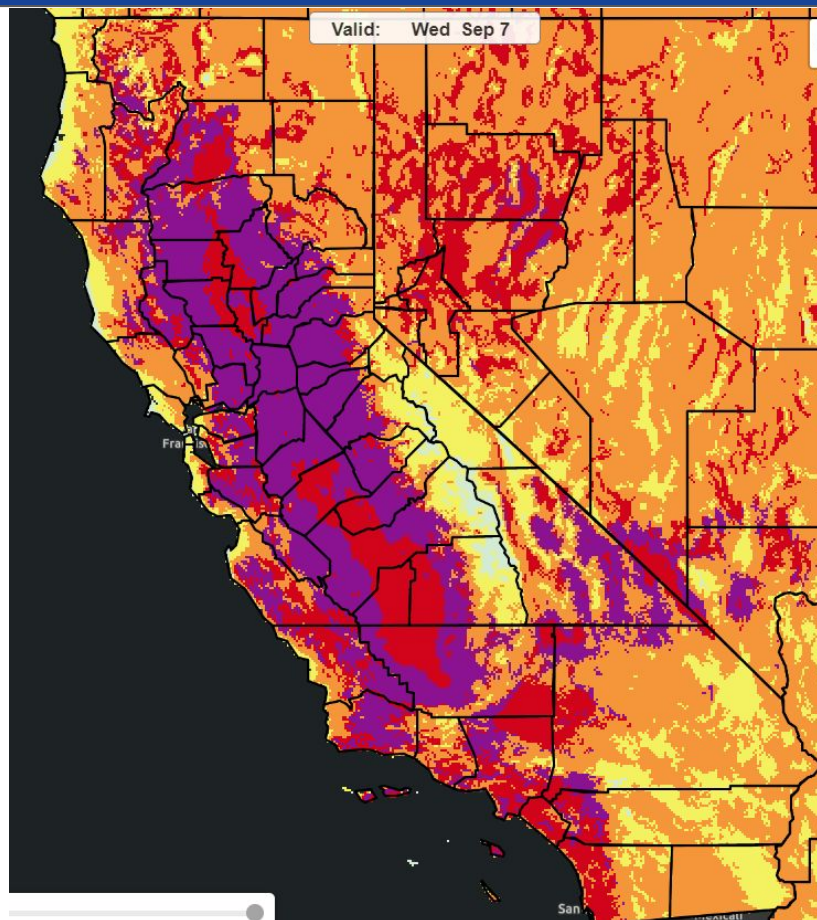


Wed-Thu Heat Risk

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Wednesday, September 7



Green	Level 0	No Elevated Risk
Yellow	Level 1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	Level 2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Red	Level 3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Magenta	Level 4	Very High Risk for the entire population due to long duration heat, with little to no relief overnight

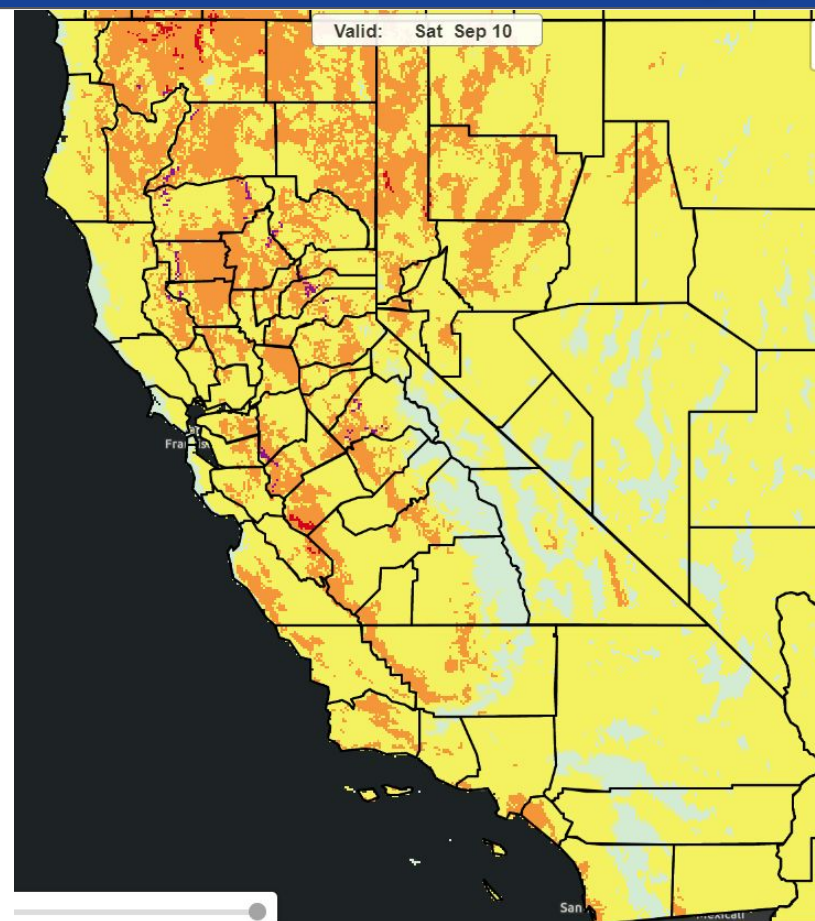
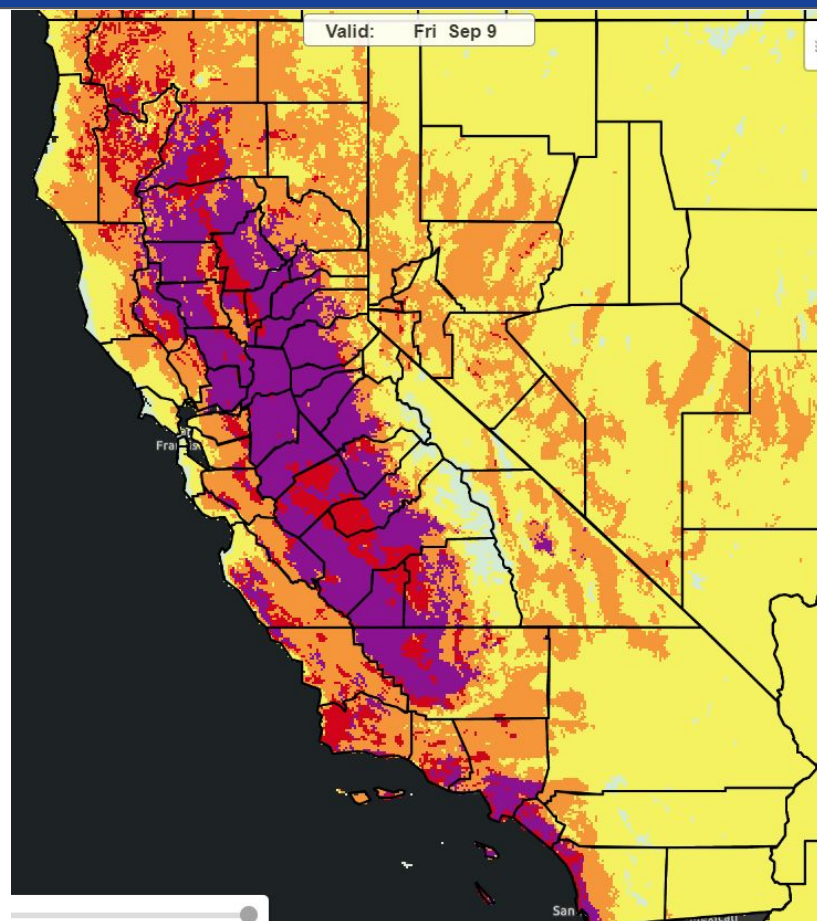


Fri-Sat Heat Risk

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Wednesday, September 7



Green	Level 0	No Elevated Risk
Yellow	Level 1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	Level 2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Red	Level 3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
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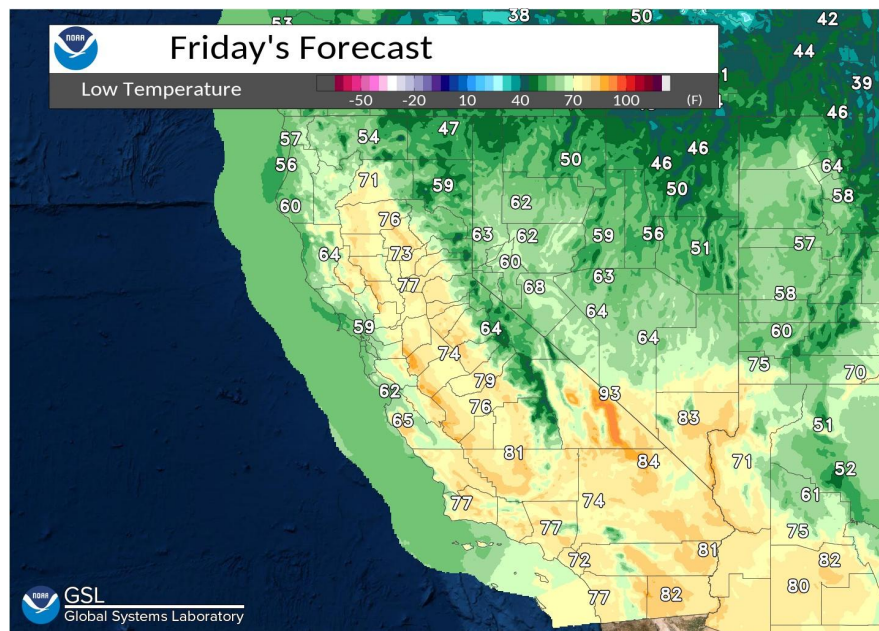
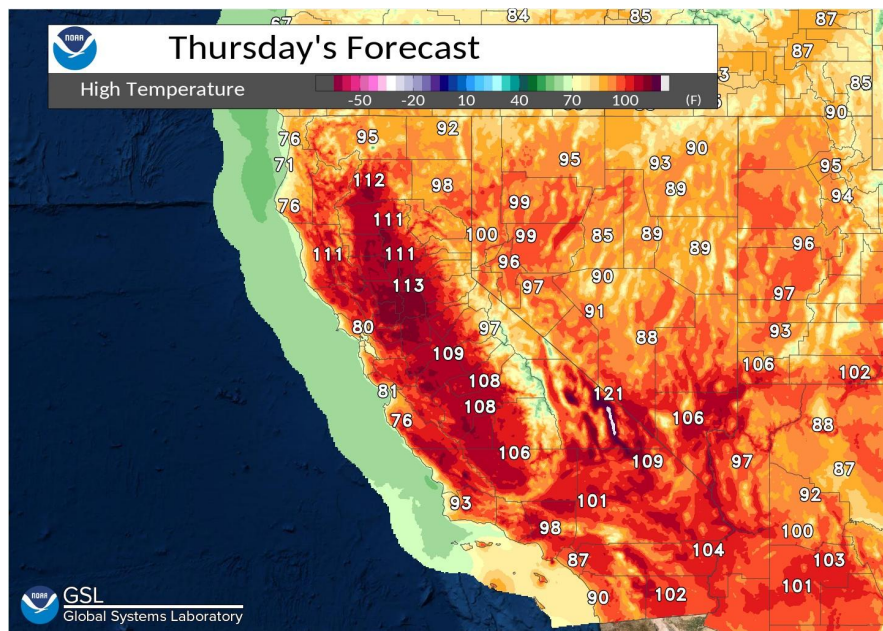
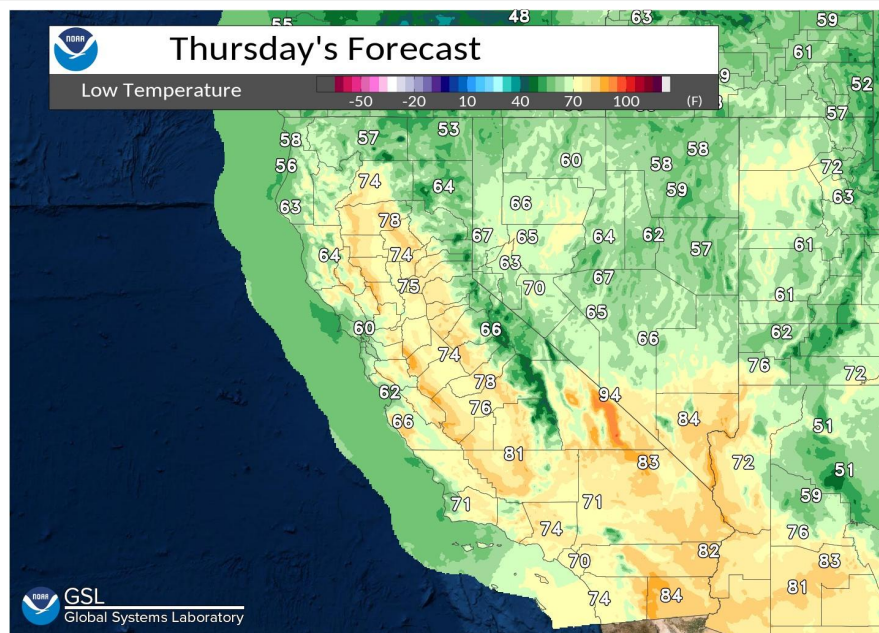
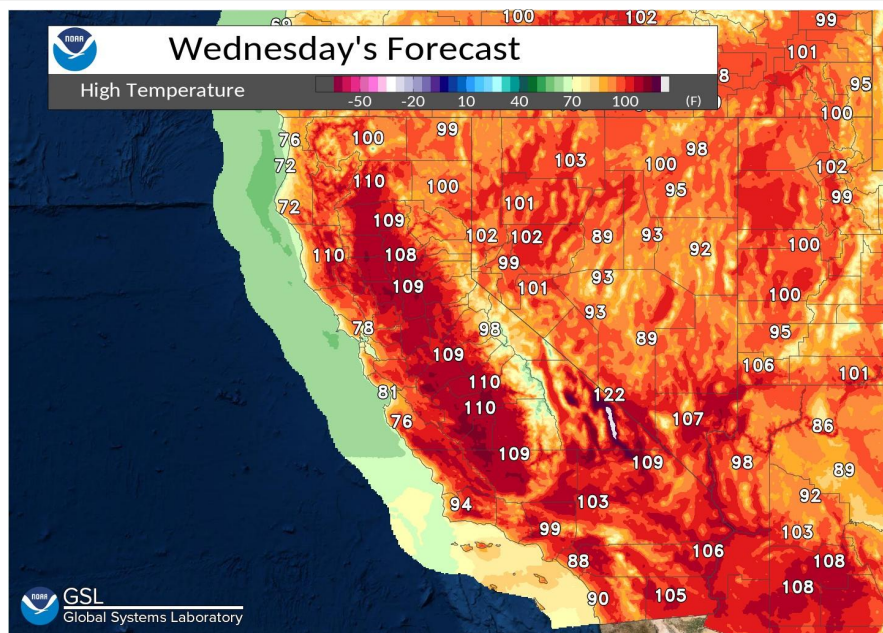


Wed-Thu Temperatures

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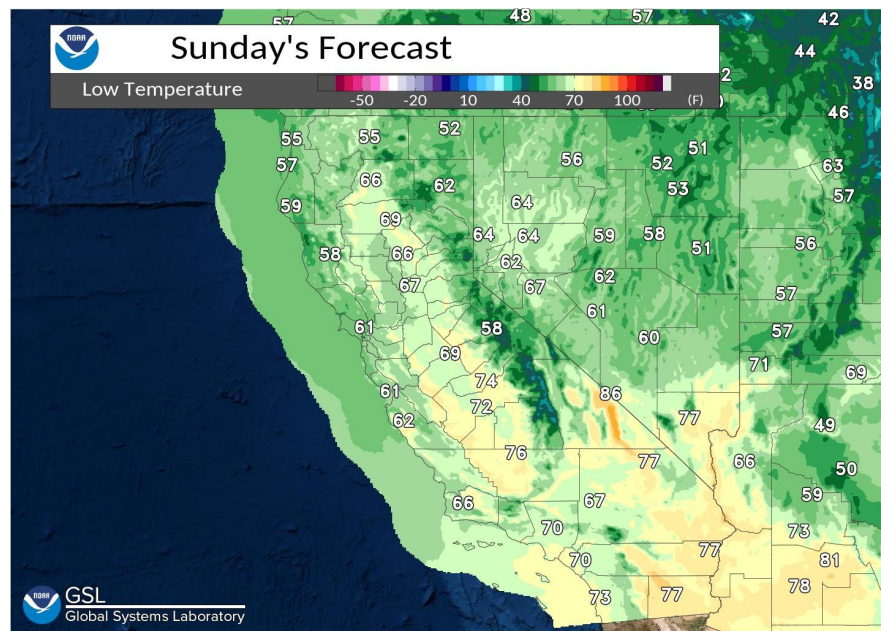
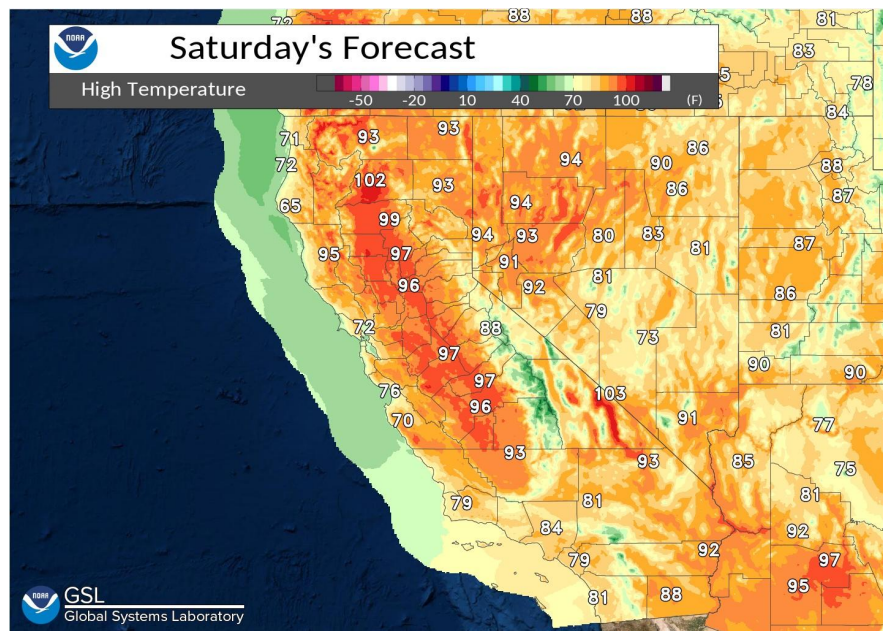
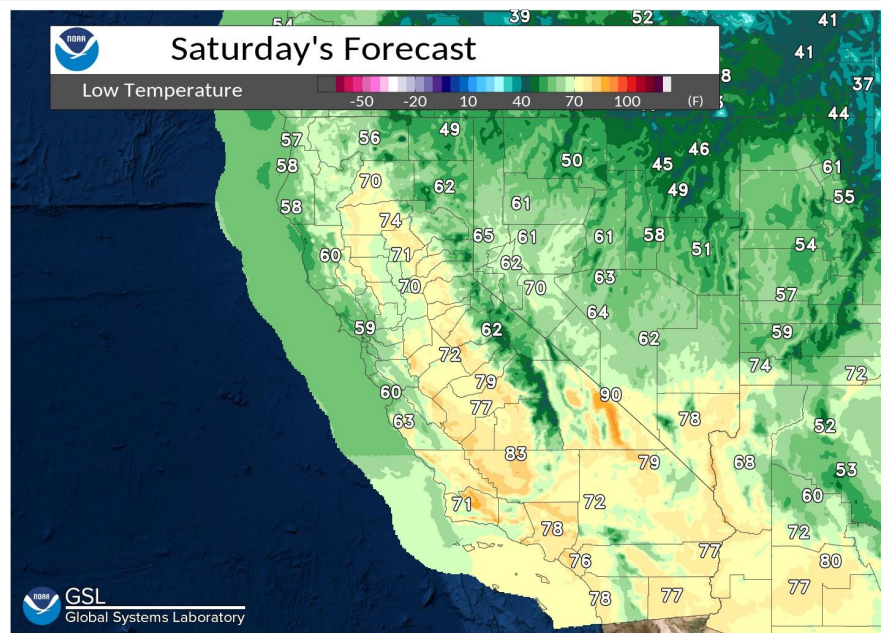
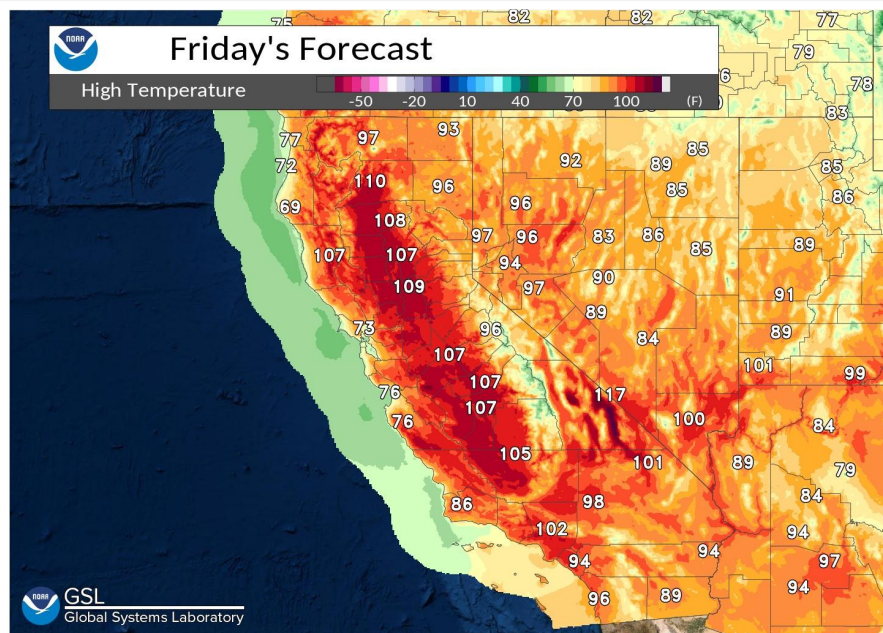


Fri-Sat Temperatures

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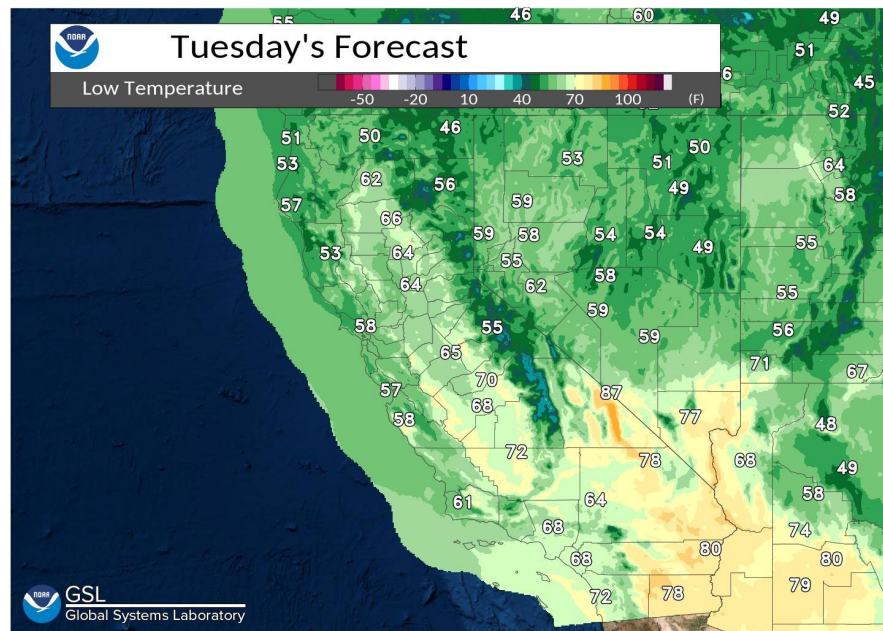
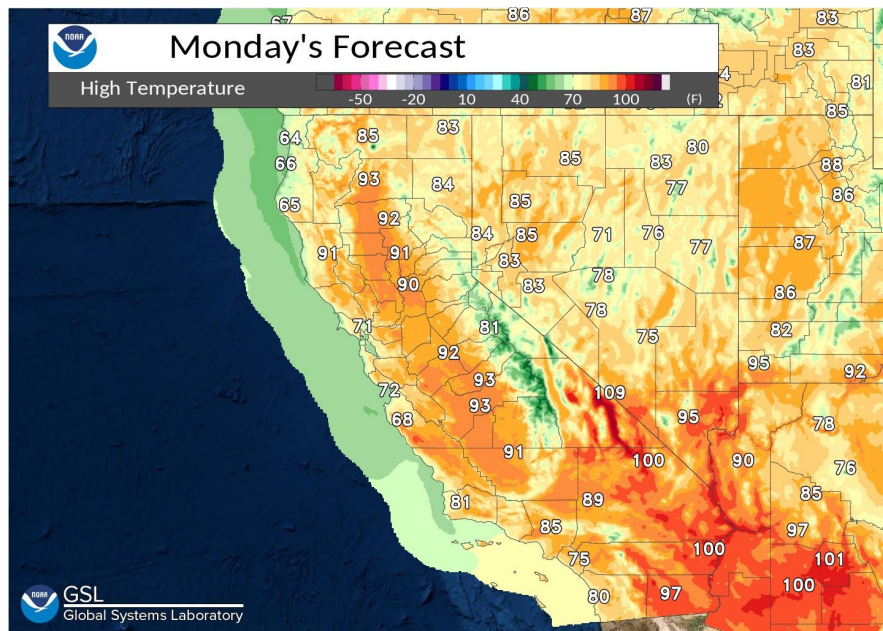
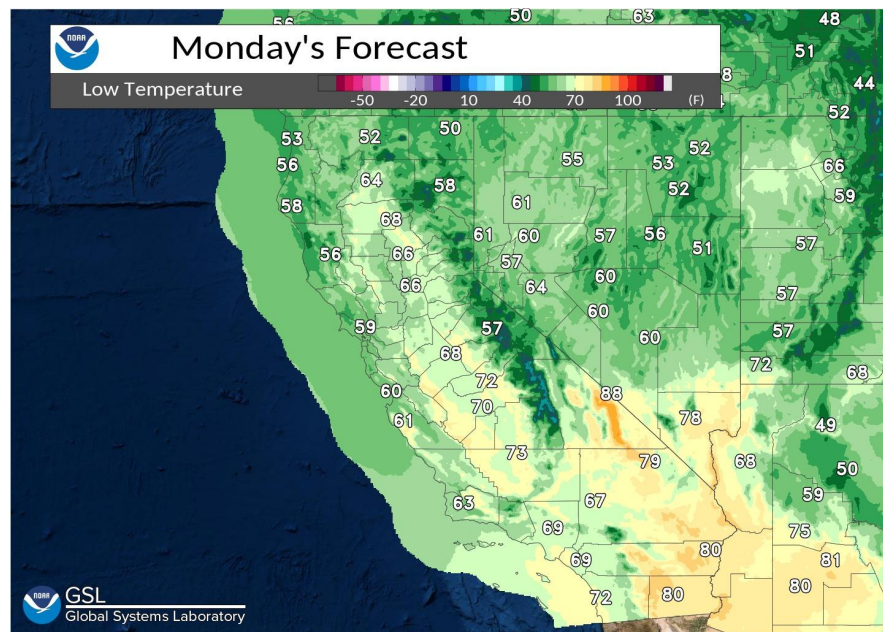
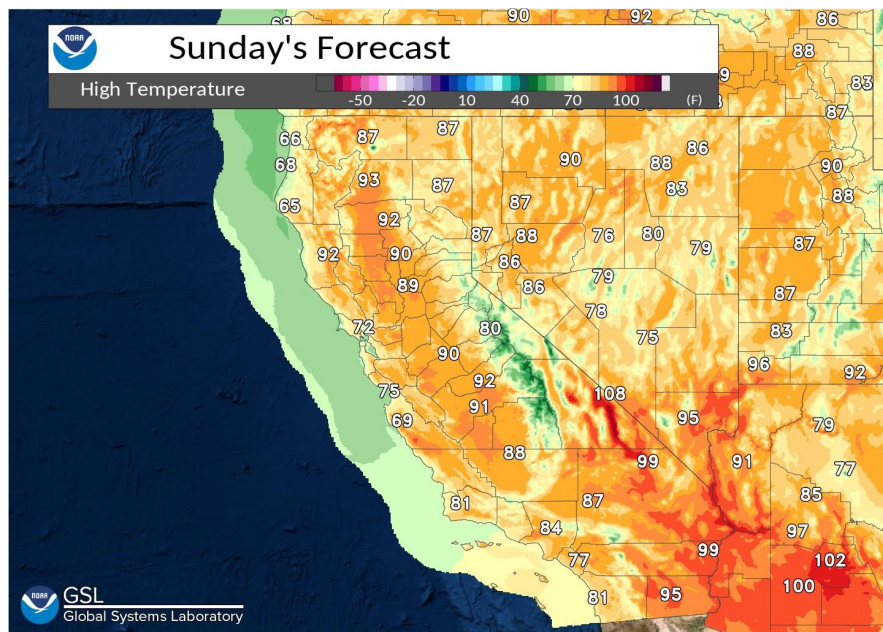


Sun-Mon Temperatures

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Hurricane Kay Forecast

Key Points

- Hurricane Kay is forecast to track along or near the western coast of the Baja while also weakening back to a Tropical Storm late in the week
- The track of this tropical system increasingly looks to bring some impacts to portions of mainly southern California Friday and through the weekend
- Primary concerns at this time are gusty winds across the southern California higher terrain and increased thunderstorm chances with the potential for heavy rain and some flooding



Continue to closely monitor forecasts this week
hurricanes.gov



Weather Outlook (6-14 Days)

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Western Region
Wednesday, September 7

6-10 Day Outlook (September 12 – September 16)

Temperatures

- Above normal temperatures are favored statewide

Precipitation

- Above normal precipitation is favored across most of the state

8-14 Day Outlook (September 14 – September 20)

Temperatures

- Below normal temperatures are favored over much of the state, with near normal temperatures favored across southern and far northern California

Precipitation

- Above normal precipitation is favored across northeastern California, with near normal precipitation favored across the remainder of the state



Risk Assessment Matrix

Regional Operations Center
Western Region
Wednesday, September 7

Impact Level Definition

- Impactful weather is not expected.**
- Potential threat to lives and property if no/incorrect actions are taken.**
 - Localized impacts on commerce possible.
 - Includes events that occur frequently.
- Potential threat to lives and property if no/incorrect actions are taken.**
 - Impacts on commerce possible.
 - Includes events that occur a few times per year.
- Actions likely needed to save lives and/or property.**
 - Significant impacts to commerce possible.
 - Includes events that occur infrequently.
- Actions required to save lives and/or property.**
 - Significant and extended impacts to commerce.
 - Includes exceptionally rare events.

